

CLASS 11 SYLLABUS 2021-22
FIRST TERM EXAMINATION

ENGLISH

Textbooks:

1. Hornbill- Textbook by N.C.E.R.T
2. Snapshots- Supplementary Reader by N.C.E.R.T

Hornbill (Reader)

1. The Portrait of A Lady
2. Discovering Tut: The Saga Continues
3. A Photograph (Poem)
4. The Voice of the Rain (Poem)

Snapshots (Supplementary Reader)

1. The Summer of the Beautiful White Horse
2. The Address
3. Ranga's Marriage

General English/Writing Skills

1. Comprehension; Notemaking and Abstraction
2. Notices, Advertisements, Designing Posters
3. Composition in the form of article, speech, report writing or a narrative (150-200 words)
4. Letter to editor (giving suggestions)

Grammar

1. Determiners
2. Tenses
3. Modals

MATHEMATICS

TEXT BOOKS : Mathematics – Textbook for Class XI, NCERT

Reference Books : i) Mathematics for Class XI , R.D. Sharma vol. I and II

ii) Mathematics for Class XI by M.L Aggarwal vol. I and II

Ch – 1 : Sets

Ch – 2 : Relations and Functions

Ch – 3 : Trigonometric Functions

Ch – 4 : Principle of Mathematical Induction

Ch – 6 : Linear Inequalities

Ch – 7 : Permutations and Combinations

Ch – 13 : Limits and Derivatives

Ch – 16 : Probability

PHYSICS

Text Books: Physics NCERT Part I and II

Unit 2 : Units and Dimensions

Unit 3 : Motion in a Straight Line

Unit 4 : Motion in a Plane

Unit 5 : Laws of Motion

Unit 6 : Work, Energy and Power

Unit 8 : Gravitation

CHEMISTRY

Text Books: Chemistry NCERT Part I and II

Unit 1 : Some Basic Concepts Of Chemistry

Unit 2 : Structure of Atom

Unit 3 : Classification of Elements and Periodicity in Properties

Unit 4 : Chemical Bonding and Molecular Structure

Unit 5 : States of Matter

Unit 6 : Thermodynamics

Unit 14 : Environmental Chemistry

BIOLOGY

Text Book:

1. Biology: Text Book for class 11 (NCERT)

Unit I: Diversity in the Living World

Chapter 1: The Living World

Chapter 2: Biological Classification

Chapter 3: Plant Kingdom

Chapter 4: Animal Kingdom

Unit III: Cell Structure and Functions

Chapter 8: Cell the Unit of Life

Chapter 9: Biomolecules

Chapter 10: Cell Cycle and Cell Division

Unit IV: Plant Physiology

Chapter 11: Transport in Plants

Chapter 12: Mineral Nutrition in Plants

COMPUTER SCIENCE

Text book: Computer Science with Python- Text book for class XI (Sumita Arora)

Chapter 1: Computer System Overview

Chapter 2: Data Representation

Chapter 5: Introduction To Problem Solving

Chapter 6: Getting Started With Python

Chapter 7: Python Fundamentals

Chapter 8: Data Handling

Chapter 9: Flow Of Control

ECONOMICS

TEXTBOOK: 1. Statistics for Economics by N.M.Shah

2. Introductory Microeconomics by Sandeep Garg

PART A: STATISTICS FOR ECONOMICS

Unit 1: Introduction

Unit 2: Collection, Organisation and Presentation of Data

Unit 3: Statistical Tools and Interpretation

-Measures of Central Tendency (Arithmetic mean, median and mode)

PART B: INTRODUCTORY MICROECONOMICS

Unit 4: Introduction

Unit 5: Consumer's Equilibrium and Demand

BUSINESS STUDIES

Textbook:

Business studies: NCERT for class XI

Unit 1

Chapter 1:: Nature and purpose of business

Chapter 2: Forms of business organisation

Unit 2

Chapter 3: Public, private and global enterprises

Chapter 4: Business services

Unit 3

Chapter 5: Emerging modes of business

Chapter 6: Social responsibility of business and businGravitation

ACCOUNTANCY

Textbook:

Accountancy: TS Grewal for class XI

Ch 1:	Introduction to Accounting
Ch 2:	Basic Accounting Terms
Ch 3:	Theory Base of Accounting
Ch 4:	Bases of Accounting
Ch 5:	Accounting Equation
Ch 6:	Accounting Procedures
Ch 7:	Origin of Transactions
Ch 8:	Journal
Ch 9:	Ledger
Ch 10:	Special Purpose Books I - Cash Book
Ch 11:	Special Purpose Books II - Other books
Ch 13:	Trial Balance

PSYCHOLOGY

Textbook: Psychology: NCERT CLASS XI

Unit 1: What is Psychology?

Unit 2: Methods of Enquiry in Psychology

Unit 3: The Bases of Human Behaviour

Unit 6: Learning

PHYSICAL EDUCATION

Text book : Physical education based on latest CBSE syllabus [Ratna Sagar]

Part A

Chapter 1 : Changing trends and career in physical education

Chapter 2 : Olympic Value Education

Chapter 3 : Physical Fitness, Wellness and Lifestyle

Chapter 4 : Physical Education and Sports for CWSN

Chapter 5 : Yoga